

Abstract

Electrical connecting apparatus

An electrical connecting apparatus has the following features: a current or data transmitter device which can be connected to at least one current-transmitting or pulse-transmitting source, is arranged in a transmitter housing and has contact elements. A current-receiving or data-receiving device which can be electrically connected to a load or consumer is arranged in a receiver housing and has contact elements. Current, pulses or data can be transferred between the contact elements, which are in the form of flat contacts with touching surfaces, by connecting the current or data transmitter device to the current-receiving or data-receiving device. A multiplicity of contact elements of at least one of the two devices are held next to one another in a holding body. The contact elements which are held in the holding body are elastically mounted. The contact elements rest on a pressing link on the side facing away from the contact elements of the other device.